

This Page Is Inserted by IFW Operations  
and is not a part of the Official Record

## **BEST AVAILABLE IMAGES**

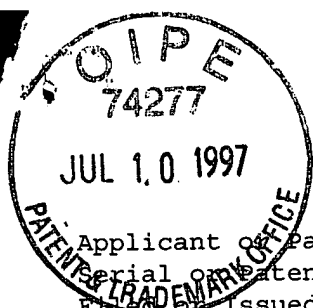
Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning documents *will not* correct images,  
please do not report the images to the  
Image Problem Mailbox.**



Francis Barany, George Barany,  
Robert P. Hammer, Maria Kempe,

Applicant or Patentee: Herman Blok, Monib Zirvi Attorney's 19603/461  
Serial or Patent No.: 08/794,851 Docket No.: (CRF D-1595A)  
Filed or Issued: February 4, 1997

For: DETECTION OF NUCLEIC ACID SEQUENCE DIFFERENCES USING THE LIGASE  
DETECTION REACTION WITH ADDRESSABLE ARRAYS

VERIFIED STATEMENT (DECLARATION) CLAIMING SMALL ENTITY STATUS  
(37 CFR 1.9(f) and 1.27(d)) - NONPROFIT ORGANIZATION

I hereby declare that I am an official empowered to act on behalf of the  
nonprofit organization identified below:

NAME OF CONCERN Louisiana State University  
ADDRESS OF CONCERN 203 David Boyd Hall,  
Baton Rouge, Louisiana 70803

TYPE OF ORGANIZATION \_\_\_\_\_

- ☒ UNIVERSITY OR OTHER INSTITUTION OF HIGHER EDUCATION  
☐ TAX EXEMPT UNDER INTERNAL REVENUE SERVICE CODE (26 USC 501(c)(3))  
☐ NONPROFIT SCIENTIFIC OR EDUCATION UNDER STATUTE OF STATE OF THE  
UNITED STATES OF AMERICA (NAME OF STATE \_\_\_\_\_)  
(CITATION OF STATUTE \_\_\_\_\_)  
☐ WOULD QUALIFY AS TAX EXEMPT UNDER INTERNAL REVENUE SERVICE CODE  
(26 USC 501(a) and 501(c)(3)) IF LOCATED IN THE UNITED STATES OF  
AMERICA  
☐ WOULD QUALIFY AS NONPROFIT SCIENTIFIC OR EDUCATIONAL UNDER STATUTE  
OF STATE OF THE UNITED STATES OF AMERICA IF LOCATED IN THE UNITED  
STATES OF AMERICA (NAME OF STATE \_\_\_\_\_)  
(CITATION OF STATUTE \_\_\_\_\_)

I hereby declare that the nonprofit organization identified above qualifies as  
a nonprofit organization as defined in 37 CFR 1.9(e) for purposes of paying  
reduced fees under section 41(a) and (b) of Title 35, United States Code with  
regard to the invention entitled DETECTION OF NUCLEIC ACID SEQUENCE  
DIFFERENCES USING THE LIGASE DETECTION REACTION WITH ADDRESSABLE ARRAYS by  
inventor(s) Francis Barany, George Barany, Robert P. Hammer, Maria Kempe,  
Herman Blok, Monib Zirvi described in

- ☐ the specification filed herewith  
☒ application serial no. 08/794,851, filed 2/4/97  
☐ patent no. \_\_\_\_\_, issued \_\_\_\_\_.

I hereby declare that rights under contract or law have been conveyed to and  
remain with the nonprofit organization with regard to the above identified  
invention.

If the rights held by the nonprofit organization are not exclusive, each  
individual, concern or organization having rights to the invention is listed  
below\* and no rights to the invention are held by any person, other than the  
inventor, who could not qualify as a small business concern under 37  
CFR 1.9(c) or by any concern which would not qualify as a small business  
concern under 37 CFR 1.9(d) or a nonprofit organization under 37 CFR 1.9(e).

\*NOTE: Separate verified statements are required from each named person, concern or organization having rights to the invention averring to their status as small entities. (37 CFR 1.27).

NAME Cornell Research Foudation, Inc.  
ADDRESS 20 Thornwood Drive, Suite 105, Ithaca, New York 14850  
☐ INDIVIDUAL ☐ SMALL BUSINESS CONCERN ☒ NONPROFIT ORGANIZATION

NAME University of Minnesota  
ADDRESS 1100 Washington Avenue South, Suite 201, Minneapolis, MN 55415-1226  
☐ INDIVIDUAL ☐ SMALL BUSINESS CONCERN ☒ NONPROFIT ORGANIZATION

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b))

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

NAME OF PERSON SIGNING Mani Iyer  
TITLE OF PERSON OTHER THAN OWNER Director, Office of Technology Transfer

ADDRESS OF PERSON SIGNING 203 David Boyd Hall,  
(Baton Rouge, Louisiana 70803)

SIGNATURE *Mani Iyer* DATE 4/16/1997



Francis Barany, George Barany,  
Robert P. Hammer, Maria Kempe,  
Applicant or Patentee: Herman Blok, Monib Zirvi Attorney's 19603/461  
Serial or Patent No.: 08/794,851 Docket No.: (CRF D-1595A)  
Filed or Issued: February 4, 1997  
For: DETECTION OF NUCLEIC ACID SEQUENCE DIFFERENCES USING THE LIGASE  
DETECTION REACTION WITH ADDRESSABLE ARRAYS

VERIFIED STATEMENT (DECLARATION) CLAIMING SMALL ENTITY STATUS  
(37 CFR 1.9(f) and 1.27(d)) - NONPROFIT ORGANIZATION

I hereby declare that I am an official empowered to act on behalf of the nonprofit organization identified below:

NAME OF CONCERN Regents of the University of Minnesota  
ADDRESS OF CONCERN 1100 Washington Avenue South, Suite 201\*  
Minneapolis, MN 55415-1226 55455  
\* Morrill Hall, 100 Church St. SE  
TYPE OF ORGANIZATION \_\_\_\_\_

- ☒ UNIVERSITY OR OTHER INSTITUTION OF HIGHER EDUCATION  
☐ TAX EXEMPT UNDER INTERNAL REVENUE SERVICE CODE (26 USC 501(c)(3))  
☐ NONPROFIT SCIENTIFIC OR EDUCATION UNDER STATUTE OF STATE OF THE UNITED STATES OF AMERICA (NAME OF STATE \_\_\_\_\_)  
(CITATION OF STATUTE \_\_\_\_\_)  
☐ WOULD QUALIFY AS TAX EXEMPT UNDER INTERNAL REVENUE SERVICE CODE (26 USC 501(a) and 501(c)(3)) IF LOCATED IN THE UNITED STATES OF AMERICA  
☐ WOULD QUALIFY AS NONPROFIT SCIENTIFIC OR EDUCATIONAL UNDER STATUTE OF STATE OF THE UNITED STATES OF AMERICA IF LOCATED IN THE UNITED STATES OF AMERICA (NAME OF STATE \_\_\_\_\_)  
(CITATION OF STATUTE \_\_\_\_\_)

I hereby declare that the nonprofit organization identified above qualifies as a nonprofit organization as defined in 37 CFR 1.9(e) for purposes of paying reduced fees under section 41(a) and (b) of Title 35, United States Code with regard to the invention entitled DETECTION OF NUCLEIC ACID SEQUENCE DIFFERENCES USING THE LIGASE DETECTION REACTION WITH ADDRESSABLE ARRAYS by inventor(s) Francis Barany, George Barany, Robert P. Hammer, Maria Kempe, Herman Blok, Monib Zirvi described in

- ☐ the specification filed herewith  
☒ application serial no. 08/794,851, filed 2/4/97  
☐ patent no. \_\_\_\_\_, issued \_\_\_\_\_.

I hereby declare that rights under contract or law have been conveyed to and remain with the nonprofit organization with regard to the above identified invention.

If the rights held by the nonprofit organization are not exclusive, each individual, concern or organization having rights to the invention is listed below\* and no rights to the invention are held by any person, other than the inventor, who could not qualify as a small business concern under 37 CFR 1.9(c) or by any concern which would not qualify as a small business concern under 37 CFR 1.9(d) or a nonprofit organization under 37 CFR 1.9(e).

\*NOTE: Separate verified statements are required from each named person, concern or organization having rights to the invention averring to their status as small entities. (37 CFR 1.27).

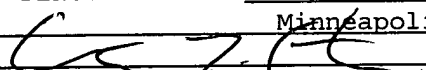
NAME Cornell Research Foudation, Inc.  
ADDRESS 20 Thornwood Drive, Suite 105, Ithaca, New York 14850  
[ ] INDIVIDUAL [ ] SMALL BUSINESS CONCERN [X] NONPROFIT ORGANIZATION

NAME Louisiana State University  
ADDRESS 203 David Boyd Hall, Room 146A, Baton Rouge, Louisiana 70803  
[ ] INDIVIDUAL [ ] SMALL BUSINESS CONCERN [X] NONPROFIT ORGANIZATION

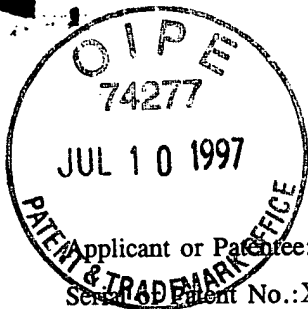
I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b))

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

Anthony L. Strauss

NAME OF PERSON SIGNING ~~Kathleen K. Wood~~ \*  
TITLE OF PERSON OTHER THAN OWNER Marketing Assistant, Patents and  
Director, MCEB Technologies Technology Marketing  
ADDRESS OF PERSON SIGNING 1100 Washington Avenue South, Suite 201 \*  
Minneapolis, MN 55415-1226 55455  
SIGNATURE  DATE 9-28-97

\* Morrill Hall, 100 Church St. SE



PATENT

Attorney's Docket No. 19603/461 (CRF D-1595A)

Applicant or Patentee: Francis Barany, George Barany, Robert P. Hammer, Maria Kempe,  
Herman Blok, Monib Zirvi  
Serial Patent No.: XXX 08/794,851

Filed or Issued: February 4, 1997

For: DETECTION OF NUCLEIC ACID SEQUENCE DIFFERENCES USING THE LIGASE DETECTION  
REACTION WITH ADDRESSABLE ARRAYS

**VERIFIED STATEMENT (DECLARATION) CLAIMING SMALL ENTITY  
STATUS (37 CFR 1.9 (F) AND 1.27(d))--NONPROFIT ORGANIZATION**

I hereby declare that I am an official empowered to act on behalf of the nonprofit organization identified below:

NAME OF ORGANIZATION CORNELL RESEARCH FOUNDATION, INC.

ADDRESS OF ORGANIZATION 20 Thornwood Drive, Suite 105  
Ithaca, New York 14850

**TYPE OF ORGANIZATION**

- \*☒ UNIVERSITY OR OTHER INSTITUTION OF HIGHER EDUCATION
- ☐ TAX EXEMPT UNDER INTERNAL REVENUE SERVICE CODE (26 USC 501 (a) and 501 (c)(3))
- ☐ NONPROFIT SCIENTIFIC OR EDUCATIONAL UNDER STATUTE OF STATE OF THE UNITED STATES OF AMERICA  
(NAME OF STATE \_\_\_\_\_)  
(CITATION OF STATUTE \_\_\_\_\_)
- ☐ WOULD QUALIFY AS TAX EXEMPT UNDER INTERNAL REVENUE SERVICE CODE (26 USC 501 (a) and (501 (c)(3)) IF LOCATED IN THE UNITED STATES OF AMERICA
- ☐ WOULD QUALIFY AS NONPROFIT SCIENTIFIC OR EDUCATIONAL UNDER STATUTE OF STATE OF THE UNITED STATES OF AMERICA IF LOCATED IN THE UNITED STATES OF AMERICA  
(NAME OF STATE \_\_\_\_\_)  
(CITATION OF STATUTE \_\_\_\_\_)

I hereby declare that the nonprofit organization identified above qualifies as a nonprofit organization as defined in 37 CFR 1.9(e) for purposes of paying reduced fees under Section 41(a) and (b) of Title 35, United States Code with regard to the invention entitled  
DETECTION OF NUCLEIC ACID SEQUENCE DIFFERENCES USING THE LIGASE DETECTION REACTION

WITH ADDRESSABLE ARRAYS

by inventor(s) Francis Barany, George Barany, Robert P. Hammer, Maria Kempe,  
Herman Blok, Monib Zirvi

described in

- ☐ the specification filed herewith.
- ☒ application serial no. 08/ 794,851, filed February 4, 1997.
- ☐ patent no. \_\_\_\_\_, issued \_\_\_\_\_.

I hereby declare that rights under contract or law have been conveyed to and remain with the nonprofit organization with regard to the above identified invention.

If the rights held by the nonprofit organization are not exclusive, each individual, concern or organization having rights to the invention is listed below\* and no rights to the invention are held by any person, other than the inventor, who could not qualify as a small business concern under 37 CFR 1.9(d) or by any concern which would not qualify as a small business concern under 37 CFR 1.9(d) or a nonprofit organization under 37 CFR 1.9(e).

*\*NOTE: Separate verified statements are required from each named person, concern or organization having rights to the invention averring to their status as small entities. (37 CFR 1.27).*

NAME University of Minnesota  
ADDRESS 1100 Washington Avenue South, Suite 201  
Minneapolis, MN 55415-1226  
☐ INDIVIDUAL ☐ SMALL BUSINESS CONCERN ☒ NONPROFIT ORGANIZATION

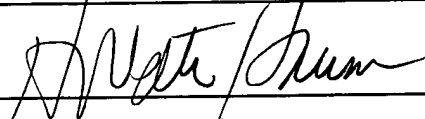
NAME Louisiana State University  
ADDRESS 203 David Boyd Hall, 146A  
Baton Rouge, Louisiana 70803  
☐ INDIVIDUAL ☐ SMALL BUSINESS CONCERN ☒ NONPROFIT ORGANIZATION

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b))

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

NAME OF PERSON SIGNING H. Walter Haeussler  
TITLE IN ORGANIZATION President  
ADDRESS OF PERSON SIGNING 20 Thornwood Drive, Suite 105  
Ithaca, New York 14850

SIGNATURE



Date

April 25 1997

\* Cornell Research Foundation, Inc., is a Corporation which is wholly owned by Cornell University handling Patents and Licensing.

COMBINED DECLARATION FOR PATENT  
APPLICATION AND POWER OF ATTORNEY  
(Includes Reference to PCT International Applications)

ATTORNEY'S DOCKET NUMBER  
19603/461 (CRF D-1595A)

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor (if plural names are listed below)  
of the subject matter which is claimed and for which a patent is sought on the invention  
entitled: **DETECTION OF NUCLEIC ACID SEQUENCE DIFFERENCES USING THE LIGASE  
DETECTION REACTION WITH ADDRESSABLE ARRAYS**

the specification of which (check only one item below):

☐ is attached hereto.

☒ was filed as United States application

Serial No. 08/794,851

on February 4, 1997

and was amended

on \_\_\_\_\_ (if applicable).

☐ was filed as PCT international application Number \_\_\_\_\_

on \_\_\_\_\_ and was amended under PCT Article 19 on \_\_\_\_\_

(if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified  
specifications, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of  
this application in accordance with Title 37, Code of Federal Regulations, § 1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any  
foreign application(s) for patent or inventor's certificate or of any PCT international  
application(s) designating at least one country other than the United States listed below  
and have also identified below any foreign application(s) for patent or inventor's  
certificate or any PCT international application(s) designating at least one country other  
than the United States of America filed by me on the same subject matter having a filing  
date before that of the application(s) of which priority is claimed:

PRIOR FOREIGN/PCT APPLICATION(S) AND ANY PRIORITY CLAIMS UNDER 35 U.S.C. 119:

COUNTRY (IF PCT, indicate "PCT")	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED UNDER 35 USC 119
UNITED STATES	60/011,359	9 FEB 1996	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States  
application(s) or PCT international application(s) designating the United States of  
America that is/are listed below and, insofar as the subject matter of each of the claims  
of this application is not disclosed in that/those prior application(s) in the manner  
provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the  
duty to disclose material information as defined in Title 37, Code of Federal Regulations,  
§ 1.56(a) which occurred between the filing date of the prior application(s) and the  
national or PCT International filing date of this application:

PRIOR U.S. APPLICATIONS OR PCT INTERNATIONAL APPLICATIONS DESIGNATING THE U.S. FOR BENEFIT  
UNDER 35 U.S.C. 120:

U.S. APPLICATIONS		STATUS (Check One)			
U.S. APPLICATION NUMBER	U.S. FILING DATE	PATENTED	PENDING	ABANDONED	
PCT APPLICATIONS DESIGNATING THE U.S.					
PCT APPLICATION NO.	PCT FILING DATE	U.S. SERIAL NUMBERS ASSIGNED (if any)			



COMBINED DECLARATION FOR PATENT APPLICATION  
AND POWER OF ATTORNEY (Continue)

ATTORNEY'S DOCKET NUMBER  
19603/461 (CRF D-1595A)

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. Michael L. Goldman, Registration No. 30,727

Send Correspondence to: Michael L. Goldman  
Nixon, Hargrave, Devans & Doyle LLP  
Clinton Square, P. O. Box 1051  
Rochester, New York 14603

Direct Telephone Calls to:  
(name and telephone number)  
Michael L. Goldman  
(716) 263-1304

201	FULL NAME OF INVENTOR	FAMILY NAME <u>Barany</u>	FIRST GIVEN NAME <u>Francis</u>	SECOND GIVEN NAME
	RESIDENCE & CITIZENSHIP	CITY <u>New York</u>	STATE/FOREIGN COUNTRY <u>New York</u>	COUNTRY OF CITIZENSHIP <u>USA</u>
	POST OFFICE ADDRESS	P.O. ADDRESS <u>450 E. 63rd Street</u> <u>Apt. #12C</u>	CITY <u>New York</u>	STATE & ZIP CODE/CTRY <u>New York 10021/USA</u>
202	FULL NAME OF INVENTOR	FAMILY NAME <u>Barany</u>	FIRST GIVEN NAME <u>George</u>	SECOND GIVEN NAME
	RESIDENCE & CITIZENSHIP	CITY <u>Falcon Heights</u>	STATE/FOREIGN COUNTRY <u>Minnesota</u>	COUNTRY OF CITIZENSHIP <u>USA</u>
	POST OFFICE ADDRESS	P.O. ADDRESS <u>1813 Prior Ave. North</u>	CITY <u>Falcon Heights</u>	STATE & ZIP CODE/CTRY <u>Minnesota 55113/USA</u>
203	FULL NAME OF INVENTOR	FAMILY NAME <u>Hammer</u>	FIRST GIVEN NAME <u>Robert</u>	SECOND GIVEN NAME <u>P.</u>
	RESIDENCE & CITIZENSHIP	CITY <u>Baton Rouge</u>	STATE/FOREIGN COUNTRY <u>Louisiana</u>	COUNTRY OF CITIZENSHIP <u>USA</u>
	POST OFFICE ADDRESS	P.O. ADDRESS <u>4967 Tulane Drive</u>	CITY <u>Baton Rouge</u>	STATE & ZIP CODE/CTRY <u>Louisiana 70808/USA</u>
204	FULL NAME OF INVENTOR	FAMILY NAME <u>Kempe</u>	FIRST GIVEN NAME <u>Maria</u>	SECOND GIVEN NAME
	RESIDENCE & CITIZENSHIP	CITY <u>Minneapolis</u>	STATE/FOREIGN COUNTRY <u>Minnesota</u>	COUNTRY OF CITIZENSHIP <u>Sweden</u>
	POST OFFICE ADDRESS	P.O. ADDRESS <u>401 South 1st Street,</u> <u>Apt. 1404</u>	CITY <u>Minneapolis</u>	STATE & ZIP CODE/CTRY <u>Minnesota 55401/USA</u>
205	FULL NAME OF INVENTOR	FAMILY NAME <u>Blok</u>	FIRST GIVEN NAME <u>Herman</u>	SECOND GIVEN NAME
	RESIDENCE & CITIZENSHIP	CITY <u>Wemeldinge</u>	STATE/FOREIGN COUNTRY <u>Netherlands</u>	COUNTRY OF CITIZENSHIP <u>Netherlands</u>
	POST OFFICE ADDRESS	P.O. ADDRESS <u>Westelijke Kanaalweg</u> <u>53</u>	CITY <u>Wemeldinge</u>	STATE & ZIP CODE/CTRY <u>4424 BG Wemeldinge</u> <u>/Netherlands</u>
206	FULL NAME OF INVENTOR	FAMILY NAME <u>Zirvi</u>	FIRST GIVEN NAME <u>Monib</u>	SECOND GIVEN NAME
	RESIDENCE & CITIZENSHIP	CITY <u>New York</u>	STATE/FOREIGN COUNTRY <u>New York</u>	COUNTRY OF CITIZENSHIP <u>USA</u>
	POST OFFICE ADDRESS	P.O. ADDRESS <u>420 E. 70th Street</u> <u>Apt. 5J</u>	CITY <u>New York</u>	STATE & ZIP CODE/CTRY <u>New York 10021/USA</u>

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statement may jeopardize the validity of the application or any patent issuing thereon.

SIGNATURE OF INVENTOR 201 <u>Dr. Francis Barany</u>	SIGNATURE OF INVENTOR 202	SIGNATURE OF INVENTOR 203
DATE <u>April 17, 1997</u>	DATE	DATE
SIGNATURE OF INVENTOR 204	SIGNATURE OF INVENTOR 205	SIGNATURE OF INVENTOR 206 <u>Monib Zirvi</u>
DATE	DATE	DATE <u>April 17, 1997</u>

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. Michael L. Goldman, Registration No. 30,727

Send Correspondence to: Michael L. Goldman  
Nixon, Hargrave, Devans & Doyle LLP  
Clinton Square, P. O. Box 1051  
Rochester, New York 14603

Direct Telephone Calls to:  
(name and telephone number)  
Michael L. Goldman  
(716) 263-1304

201	FULL NAME OF INVENTOR	FAMILY NAME Barany	FIRST GIVEN NAME Francis	SECOND GIVEN NAME
	RESIDENCE & CITIZENSHIP	CITY New York	STATE/FOREIGN COUNTRY New York	COUNTRY OF CITIZENSHIP USA
	POST OFFICE ADDRESS	P.O. ADDRESS 450 E. 63rd Street Apt. #12C	CITY New York	STATE & ZIP CODE/CTRY New York 10021/USA
202	FULL NAME OF INVENTOR	FAMILY NAME <sup>200</sup> Barany	FIRST GIVEN NAME George	SECOND GIVEN NAME
	RESIDENCE & CITIZENSHIP	CITY Falcon Heights	STATE/FOREIGN COUNTRY Minnesota MN	COUNTRY OF CITIZENSHIP USA
	POST OFFICE ADDRESS	P.O. ADDRESS 1813 Prior Ave. North	CITY Falcon Heights	STATE & ZIP CODE/CTRY Minnesota 55113/USA
203	FULL NAME OF INVENTOR	FAMILY NAME Hammer	FIRST GIVEN NAME Robert	SECOND GIVEN NAME P.
	RESIDENCE & CITIZENSHIP	CITY Baton Rouge	STATE/FOREIGN COUNTRY Louisiana	COUNTRY OF CITIZENSHIP USA
	POST OFFICE ADDRESS	P.O. ADDRESS 4967 Tulane Drive	CITY Baton Rouge	STATE & ZIP CODE/CTRY Louisiana 70808/USA
204	FULL NAME OF INVENTOR	FAMILY NAME <sup>400</sup> Kempe	FIRST GIVEN NAME Maria	SECOND GIVEN NAME
	RESIDENCE & CITIZENSHIP	CITY Minneapolis Lund	STATE/FOREIGN COUNTRY Minnesota Sweden SEX	COUNTRY OF CITIZENSHIP Sweden
	POST OFFICE ADDRESS	P.O. ADDRESS <sup>Knut den Stores tony ic</sup> 401 South 1st Street, Apt. 1404	CITY Minneapolis Lund	STATE & ZIP CODE/CTRY Minnesota 55401/USA S-222 21 Lund, Sweden
205	FULL NAME OF INVENTOR	FAMILY NAME Blok	FIRST GIVEN NAME Herman	SECOND GIVEN NAME
	RESIDENCE & CITIZENSHIP	CITY Wemeldinge	STATE/FOREIGN COUNTRY Netherlands	COUNTRY OF CITIZENSHIP Netherlands
	POST OFFICE ADDRESS	P.O. ADDRESS Westelijke Kanaalweg 53	CITY Wemeldinge	STATE & ZIP CODE/CTRY 4424 BG Wemeldinge /Netherlands
206	FULL NAME OF INVENTOR	FAMILY NAME Zirvi	FIRST GIVEN NAME Monib	SECOND GIVEN NAME
	RESIDENCE & CITIZENSHIP	CITY New York	STATE/FOREIGN COUNTRY New York	COUNTRY OF CITIZENSHIP USA
	POST OFFICE ADDRESS	P.O. ADDRESS 420 E. 70th Street Apt. 5J	CITY New York	STATE & ZIP CODE/CTRY New York 10021/USA

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statement may jeopardize the validity of the application or any patent issuing thereon.

SIGNATURE OF INVENTOR 201	SIGNATURE OF INVENTOR 202 <i>X George Barany</i>	SIGNATURE OF INVENTOR 203
DATE	DATE <i>May 6, 1997</i>	DATE
SIGNATURE OF INVENTOR 204 <i>X Main tape</i>	SIGNATURE OF INVENTOR 205	SIGNATURE OF INVENTOR 206
DATE <i>May 20, 1997</i>	DATE	DATE

COMBINED DECLARATION FOR PATENT APPLICATION  
AND POWER OF ATTORNEY (Continue)

ATTORNEY'S DOCKET NUMBER  
19603/461 (CRF D-1595A)

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. Michael L. Goldman, Registration No. 30,727

Send Correspondence to: Michael L. Goldman  
Nixon, Hargrave, Devans & Doyle LLP  
Clinton Square, P. O. Box 1051  
Rochester, New York 14603

Direct Telephone Calls to:  
(name and telephone number)  
Michael L. Goldman  
(716) 263-1304

201	FULL NAME OF INVENTOR	FAMILY NAME Barany	FIRST GIVEN NAME Francis	SECOND GIVEN NAME
	RESIDENCE & CITIZENSHIP	CITY New York	STATE/FOREIGN COUNTRY New York	COUNTRY OF CITIZENSHIP USA
	POST OFFICE ADDRESS	P.O. ADDRESS 450 E. 63rd Street Apt. #12C	CITY New York	STATE & ZIP CODE/CTRY New York 10021/USA
202	FULL NAME OF INVENTOR	FAMILY NAME Barany	FIRST GIVEN NAME George	SECOND GIVEN NAME
	RESIDENCE & CITIZENSHIP	CITY Falcon Heights	STATE/FOREIGN COUNTRY Minnesota	COUNTRY OF CITIZENSHIP USA
	POST OFFICE ADDRESS	P.O. ADDRESS 1813 Prior Ave. North	CITY Falcon Heights	STATE & ZIP CODE/CTRY Minnesota 55113/USA
203	FULL NAME OF INVENTOR	FAMILY NAME Hammer	FIRST GIVEN NAME Robert	SECOND GIVEN NAME P.
	RESIDENCE & CITIZENSHIP	CITY Baton Rouge	STATE/FOREIGN COUNTRY Louisiana	COUNTRY OF CITIZENSHIP USA
	POST OFFICE ADDRESS	P.O. ADDRESS 4967 Tulane Drive	CITY Baton Rouge	STATE & ZIP CODE/CTRY Louisiana 70808/USA
204	FULL NAME OF INVENTOR	FAMILY NAME Kempe	FIRST GIVEN NAME Maria	SECOND GIVEN NAME
	RESIDENCE & CITIZENSHIP	CITY Minneapolis	STATE/FOREIGN COUNTRY Minnesota	COUNTRY OF CITIZENSHIP Sweden
	POST OFFICE ADDRESS	P.O. ADDRESS 401 South 1st Street, Apt. 1404	CITY Minneapolis	STATE & ZIP CODE/CTRY Minnesota 55401/USA
205	FULL NAME OF INVENTOR	FAMILY NAME <u>Blok</u> 580	FIRST GIVEN NAME <u>Herman</u>	SECOND GIVEN NAME
	RESIDENCE & CITIZENSHIP	CITY <u>Wemeldinge</u>	STATE/FOREIGN COUNTRY Netherlands NLX	COUNTRY OF CITIZENSHIP Netherlands
	POST OFFICE ADDRESS	P.O. ADDRESS Westelijke Kanaalweg 53	CITY Wemeldinge	STATE & ZIP CODE/CTRY 4424 BG Wemeldinge /Netherlands
206	FULL NAME OF INVENTOR	FAMILY NAME Zirvi	FIRST GIVEN NAME Monib	SECOND GIVEN NAME
	RESIDENCE & CITIZENSHIP	CITY New York	STATE/FOREIGN COUNTRY New York	COUNTRY OF CITIZENSHIP USA
	POST OFFICE ADDRESS	P.O. ADDRESS 420 E. 70th Street Apt. 5J	CITY New York	STATE & ZIP CODE/CTRY New York 10021/USA

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statement may jeopardize the validity of the application or any patent issuing thereon.

SIGNATURE OF INVENTOR 201	SIGNATURE OF INVENTOR 202	SIGNATURE OF INVENTOR 203
DATE	DATE	DATE
SIGNATURE OF INVENTOR 204	SIGNATURE OF INVENTOR 205	SIGNATURE OF INVENTOR 206
DATE	DATE 21 April 1997	DATE

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. Michael L. Goldman, Registration No. 30,727

Send Correspondence to: Michael L. Goldman  
Nixon, Hargrave, Devans & Doyle LLP  
Clinton Square, P. O. Box 1051  
Rochester, New York 14603

Direct Telephone Calls to:  
(name and telephone number)  
Michael L. Goldman  
(716) 263-1304

201	FULL NAME OF INVENTOR	FAMILY NAME Barany	FIRST GIVEN NAME Francis	SECOND GIVEN NAME
	RESIDENCE & CITIZENSHIP	CITY New York	STATE/FOREIGN COUNTRY New York	COUNTRY OF CITIZENSHIP USA
	POST OFFICE ADDRESS	P.O. ADDRESS 450 E. 63rd Street Apt. #12C	CITY New York	STATE & ZIP CODE/CTRY New York 10021/USA
202	FULL NAME OF INVENTOR	FAMILY NAME Barany	FIRST GIVEN NAME George	SECOND GIVEN NAME
	RESIDENCE & CITIZENSHIP	CITY Falcon Heights	STATE/FOREIGN COUNTRY Minnesota	COUNTRY OF CITIZENSHIP USA
	POST OFFICE ADDRESS	P.O. ADDRESS 1813 Prior Ave. North	CITY Falcon Heights	STATE & ZIP CODE/CTRY Minnesota 55113/USA
203	FULL NAME OF INVENTOR	FAMILY NAME Hammer	FIRST GIVEN NAME Robert	SECOND GIVEN NAME P.
	RESIDENCE & CITIZENSHIP	CITY Baton Rouge	STATE/FOREIGN COUNTRY Louisiana LA	COUNTRY OF CITIZENSHIP USA
	POST OFFICE ADDRESS	P.O. ADDRESS 4967 Tulane Drive	CITY Baton Rouge	STATE & ZIP CODE/CTRY Louisiana 70808/USA
204	FULL NAME OF INVENTOR	FAMILY NAME Kempe	FIRST GIVEN NAME Maria	SECOND GIVEN NAME
	RESIDENCE & CITIZENSHIP	CITY Minneapolis	STATE/FOREIGN COUNTRY Minnesota	COUNTRY OF CITIZENSHIP Sweden
	POST OFFICE ADDRESS	P.O. ADDRESS 401 South 1st Street, Apt. 1404	CITY Minneapolis	STATE & ZIP CODE/CTRY Minnesota 55401/USA
205	FULL NAME OF INVENTOR	FAMILY NAME Blok	FIRST GIVEN NAME Herman	SECOND GIVEN NAME
	RESIDENCE & CITIZENSHIP	CITY Wemeldinge	STATE/FOREIGN COUNTRY Netherlands	COUNTRY OF CITIZENSHIP Netherlands
	POST OFFICE ADDRESS	P.O. ADDRESS Westelijke Kanaalweg 53	CITY Wemeldinge	STATE & ZIP CODE/CTRY 4424 BG Wemeldinge /Netherlands
206	FULL NAME OF INVENTOR	FAMILY NAME Zirvi	FIRST GIVEN NAME Monib	SECOND GIVEN NAME
	RESIDENCE & CITIZENSHIP	CITY New York	STATE/FOREIGN COUNTRY New York	COUNTRY OF CITIZENSHIP USA
	POST OFFICE ADDRESS	P.O. ADDRESS 420 E. 70th Street Apt. 5J	CITY New York	STATE & ZIP CODE/CTRY New York 10021/USA

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statement may jeopardize the validity of the application or any patent issuing thereon.

SIGNATURE OF INVENTOR 201	SIGNATURE OF INVENTOR 202	SIGNATURE OF INVENTOR 203 <i>X Robert P. Hammer</i>
DATE	DATE	DATE April 25, 1997
SIGNATURE OF INVENTOR 204	SIGNATURE OF INVENTOR 205	SIGNATURE OF INVENTOR 206
DATE	DATE	DATE